

CLAIM AMENDMENTS

1 -- 7. (canceled)

1 8. (previously presented) A cutting-tool assembly
2 comprising:

3 a rotatable tool holder formed with an outwardly open
4 seat having an outwardly directed floor;

5 a cartridge engaged in the seat, carrying a cutting
6 insert, and formed with

7 an inwardly open groove defining a groove axis
8 and having a surface confronting and
9 extending at a small acute angle to the
10 seat floor and with

11 a radially extending bore opening into the
12 seat;

13 an adjustment wedge axially shiftable in the groove,
14 having a formation extending transversely of the axis, and bearing
15 radially outward on the groove surface and radially inward on the
16 seat floor, whereby axial shifting of the adjustment wedge radially
17 shifts the cartridge in the groove;

18 means including an eccentric pin seated and rotatable in
19 the bore and engaging the formation of the adjustment wedge for
20 axially shifting the adjustment wedge in the groove and thereby
21 radially displacing the cartridge in the seat on rotation of the
22 pin, the bore having a depth such that the pin in an inner position

23 is wholly received in the bore and does not project from the bore
24 into the groove ; and

25 a retaining element removably received in the cartridge
26 and projecting radially into the bore at a location impeding
27 movement of the pin into the inner position.

1 9. (currently amended) The cutting-tool assembly
2 defined in claim [[6]] 8 wherein the formation is a transverse
3 groove in the adjustment wedge and the eccentric pin has a
4 cylindrical end extension engaged in the transverse groove.

1 10. (currently amended) The cutting-tool assembly
2 defined in claim [[1]] 8 wherein the angle is between 8° and 12°.

1 11. (currently amended) The cutting-tool assembly
2 defined in claim [[6]] 8 wherein the groove axis extends at the
3 small acute angle to the seat floor, and the groove surface is
4 generally cylindrical and centered on the groove axis.

1 12. (previously presented) The cutting-tool assembly
2 defined in claim 11 wherein the seat floor is flat and the wedge
3 has a flat face riding on the seat floor.

1 13. (currently amended) The cutting-tool assembly
2 defined in claim [[6]] 8, further comprising
3 a retaining body and
4 means for pressing the retaining body against the
5 cartridge and thereby locking the cartridge against displacement in
6 the seat.

1 14. (previously presented) A cutting-tool assembly
2 comprising:

3 a rotatable tool holder formed with an outwardly open
4 seat having an outwardly directed floor;

5 a cartridge engaged in the seat, carrying a cutting
6 insert, and formed with an inwardly open groove defining a groove
7 axis and having a surface confronting and extending at a small
8 acute angle to the seat floor;

9 an adjustment wedge axially shiftable in the groove,
10 having a formation extending transversely of the axis, and bearing
11 radially outward on the groove surface and radially inward on the
12 seat floor, whereby axial shifting of the adjustment wedge radially
13 shifts the cartridge in the groove; and

14 means including an eccentric pin set in the cartridge and
15 engaging the formation of the adjustment wedge for axially shifting
16 the adjustment wedge in the groove and thereby radially displacing
17 the cartridge in the seat on rotation of the pin;

18 a retaining body centered on and rotatable about an axis
19 generally parallel to the groove axis; and

20 means for pressing the retaining body against the
21 cartridge and thereby locking the cartridge against displacement in
22 the seat.